



# 578016-5300 STRAIGHT-ACTION HAND CRIMP TOOL PRODUCT SPECIFICATION

ATP-578016-5300E  
2005/11/10, Rev.- B  
Molex Japan Co., Ltd.

## 1. Description

This tool is a straight-action hand crimp tool (short-handle type), which is designed for crimp-connecting a wire to crimp a terminal of Molex.

Please take the time to read attached the operating manual (IS-0117) of Hand Crimp Tool, making sure you understand the crimping procedures and management method described it before attempting to operate this hand tool.

## 2. Specifications

- 1) Tool name: 578016-5300 Straight-Action Hand Crimp Tool (Short-Handle)
- 2) Tool number: 578016-5300
- 3) Outer dimensions and weight: 220 (width) × 70 (depth) × 15 (thickness) mm, Approx. 400gf
- 4) Management method: Crimp height and crimp strength
- 5) Applicable terminal and crimp specifications: 1.0mm Pitch Wire-to-Board Receptacle Connector

Crimp position	Terminal number	Wire size (AWG)	Insulation diameter (mm)	Crimp height (mm)	Ins. crimp height (mm)	Crimp strength (kgf)
A part	501193	#30	0.5-0.8	0.40-0.44	0.9+/-0.05	0.5 MIN.
		#32	0.4-0.7	0.39-0.43	0.9+/-0.05	0.3 MIN.
B part	501193	#28	0.5-0.8	0.44-0.48	0.95+/-0.05	1.0 MIN.
Extrude wire length		0.1-0.5		Wire strip length (mm)		1.0-1.3

**“Note”** The above-mentioned crimp specification is applied only to this tool. (The insulation crimp height is a reference value)

## 3. Tool Appearance

